

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In Re Application of****Wang, et al.****Serial No. 10/792,062****Filed: March 2, 2004**

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**For: USER PLANE-BASED LOCATION SERVICES (LCS) SYSTEM, METHOD AND APPARATUS****Examiner: Pierre Louis Desir****Group No. 2681****INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit herewith, in accordance with 37 CFR § 1.98, the patents, publications and other information listed on the enclosed Form PTO-1449.

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

***MAILING***

- ☒ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***FACSIMILE***

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name \_\_\_\_\_  
(type or print name)

Date: July 21, 2005

Signature: \_\_\_\_\_

The references submitted herewith are those of which Applicants are aware, which they believe may be material to the examination of this application and, with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56. While the references identified may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application, unless specifically designated as such. Additionally, the filing of this Information Disclosure Statement shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

In accordance with 37 CFR §1.97(e)(1), the undersigned certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

A list of the references is set forth on Form PTO-1449, which is enclosed herewith, along with a copy of each cited foreign reference (copies of U.S. references are not enclosed). Applicants respectfully request that the Examiner return to Applicants a copy of the Form PTO-1449 indicating consideration of the references cited thereon.

Applicants do not believe that any fees are due. If, however, it is determined that fees are owed, Applicants hereby authorize that such fees be charged to Deposit Account No. 17-0026.

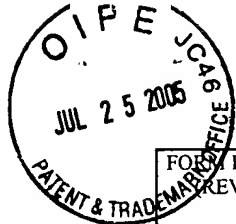
Respectfully submitted,

Dated: July 21, 2005

By: 

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FORM PTO-1449 (REV. 7-80)  <b>U.S. DEPARTMENT OF COMMERCE          PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> <i>(Use several sheets if necessary)</i>  DATE MAILED: July 21, 2005	<b>ATTY. DOCKET NO.</b> 030157  <b>APPLICANT</b> Wang, et al.  <b>FILING DATE</b> March 2, 2004	<b>SERIAL NO.</b> 10/792,062  <b>GROUP</b> 2681
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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1 6 1 6 9 8 9 9	1/2/01	Havinis, et al.	455	433	
	A2 6 1 8 5 4 2 7	2/6/01	Krasner, et al.	455	456	
	A3 6 1 9 5 5 5 7	2/27/01	Havinis, et al.	455	456	

**U.S. PATENT APPLICATION PUBLICATION DOCUMENTS**

*EXAMINER INITIAL	PUBLICATION NUMBER	PUB. DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	B1 2 0 0 1 0 0 0 9 5 4 4	7/26/01	Vanttinen, et al.	370	338	
	B2 2 0 0 2 0 0 1 9 6 9 8	2/14/02	Vilppula, et al.	701	207	
	B3 2 0 0 2 0 0 8 6 6 8 2	7/4/02	Naghian	455	456	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	C1	0 0 7 6 1 7 1	12/14/00	PCT	Nokia Networks OY	H04L	29/06
	C2	0 1 3 7 4 7 7	5/25/01	PCT	Verizon Laboratories	H04L	9/00
	C3	0 2 0 7 6 1 1 8	9/26/02	PCT	SignalSoft Corporation	H04Q	7/20
	C4	0 3 0 4 5 0 8 4	5/30/03	PCT	Nokia Corporation	H04Q	7/22
	C5	0 4 0 7 5 5 9 1	9/2/04	PCT	Qualcomm Incorporated	H04Q	7/38
	C6	1 2 7 6 3 3 6	1/15/03	Europe	Nortel Networks Ltd	H04Q	7/22

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)**

D1	ETSI Standards, "Digital Cellular Telecommunications System (Phase 2+); Universal Mobile Telecommunications System (UTMS); Location Services (LCS); Functional description; Stage 2", ETSI Standards, European Telecommunications Standards Institute, vol. 3-SA2, no. V550, December 2002 pps 1-76.		
D2			
D3			
<table border="1"> <tr> <td>EXAMINER</td> <td>DATE CONSIDERED</td> </tr> </table>		EXAMINER	DATE CONSIDERED
EXAMINER	DATE CONSIDERED		
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			